Product Data Sheet

Product Name: Tris(4-aminophenyl)methane (Leucopararosaniline)
Cat. No.: GC32392

Chemical Properties

Cas. No.	548-61-8		
SMILES	NC1=CC=C(C(C2=CC=C(N)C=C2)C3=CC=C(N)C=C3)C=C1		
Formula	$C_{19}H_{19}N_3$	M.Wt	289.37
Solubility	DMSO : 50 mg/mL (172.79 mM; Need ultrasonic)	Storage	4°C, protect from light
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Background

Tris(4-aminophenyl)methane is a triphenylmethane dye. Tris(4-aminophenyl)methane is a weak HCV helicase inhibitor.

Tris(4-aminophenyl)methane (Compound 8) shows weak HCV helicase inhibition (30% inhibition at 100 μM)[1]. To preserve RNA in a biological sample for analysis, the sample is incubated with an RNA preservative capable of precipitating RNA in an aqueous solution, such as a triphenylmethane dye (e.g., methyl green, crystal violet, pararosaniline, or Tris(4-aminophenyl)methane), cresyl violet, or cobalt ions. RNA preservation may be used in an immunostaining assay and other histochemical methods[2].

[1]. Chen CS, et al. Structure-based discovery of triphenylmethane derivatives as inhibitors of hepatitis C virushelicase. J Med Chem. 2009 May 14;52(9):2716-23.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA